



## GF 500 Butt fusion machine for construction site

Butt Fusion machine to joint PE, PP, PB pipes and fittings for pressure piping systems on building sites and in trenches.

Hydraulically operated with manual control unit.

Control box with integrated temperature controller and power outlets.

Performance: PE up to d 500 mm SDR 11; PP up to d 500 mm SDR 26.

Special type **GF 500 PP** available with enhanced performance to work with PP pipes and fittings up to d 500 mm SDR 11.

Including transport packaging (wooden crate); reduction clamping inserts and other accessories to be ordered separately.

### • BASE MACHINE

- High precision design, distortion-free and sturdy machine frame
- Good accessibility thanks to 35° inclination
- The movable (sliding) 3rd clamp allows easy and time-saving fixation of bends or tees without need of additional tools
- Clamps are hinged on the top side and tilting. Whenever necessary, the four clamps can be quickly removed
- Double-sided heating element pull-off mechanism to optimise the change-over phase

Weight: 169 kg

### • HYDRAULIC UNIT

- Compact and robust, with full closed metal housing and two handles for carrying
- Precise pressure setting and fine adjusting
- Joystick operation of machine carriage
- Clearly visible, vibration-free pressure gauge with precision scaling
- Accumulator for pressure equalization during the cooling phase
- Max operating pressure: 160 bar

Weight: 41 kg

### • PLANER

- Powerful parallel planer for single or double-sided facing of pipe ends
- Self-locking mechanism in working position
- Safety microswitch to prevent undesired start-up

Weight: 58 kg

### • HEATING ELEMENT

- High performance, electronically controlled heating element
- High-quality, non-stick PTFE-coating with long service life
- Temperature indicator integrated into the handle

Weight: 26 kg

Input power: 400 V / 4000 W

### • CONTROL BOX

- Contains all safety and functional components such as static relay, FI protective switch, temperature control
- Compact unit in steel box with enamel-coated protective frame
- Integrated power outlets for all machine components, only 1 plug to the generator

Weight: 15 kg

### • CASE

- For safe storage of planer and heating element

Weight: 38 kg

Type	d-d (mm)	Performance	Description	Code	Weight (kg)
GF 500	200 - 500	400 V/6250 W	Standard	<b>790 116 040</b>	475.000
GF 500 PP	200 - 500	400 V/7000 W	Enhanced performance for PP applications	<b>790 154 006</b>	475.000

The technical data are not binding. They neither constitute expressly warranted characteristics nor guaranteed properties nor a guaranteed durability. They are subject to modification. Our General Terms of Sale apply.

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# Data sheet

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